L Number	Hits	Search Text	DB	Time stamp
1	16	(("4993357") or ("5242530") or ("5256205") or ("5281274")	USPAT;	2003/11/25 18:02
		or ("5316793") or ("5342660") or ("5810942") or	US-PGPUB;	
		("5879459")).PN.	EPO; JPO;	
			DERWENT;	
_	6951	((118/715) or (117/88,98,200) or (427/255.7) or	IBM_TDB	2002/11/20 12:10
_	0931	((116/713) or (117/66,56,200) or (427/233.7) or (428/761,762) or (428/543)),CCLS.	USPAT; US-PGPUB;	2003/11/20 12:19
		(450/701,702) of (420/545)),CCL3.	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	6951	(((118/715) or (117/88,98,200) or (427/255.7) or	USPAT;	2003/11/20 12:20
i		(438/761,762) or (428/543)).CCLS.) and @pd>=2001002	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	1577	(((118/715) or (117/88,98,200) or (427/255.7) or	USPAT;	2003/11/20 12:26
1		(438/761,762) or (428/543)).CCLS.) and @pd>=20001002	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
		////	IBM_TDB	
-	615	(((((118/715) or (117/88,98,200) or (427/255.7) or	USPAT;	2003/11/20 16:25
		(438/761,762) or (428/543)).CCLS.) and @pd>=20001002)	US-PGPUB;	
		and (@ad<=19990624 or @rlad<=19990624)	EPO; JPO;	
			DERWENT;	
_	30384	gas adj inject\$6	IBM_TDB	2002/11/20 17:15
	30304	gas auj injeccijo	USPAT; US-PGPUB;	2003/11/20 17:15
	i		EPO; JPO;	
1			DERWENT;	
			IBM_TDB	
-	1025	gas adj inject\$6 adj (tube or pipe)	USPAT;	2003/11/20 14:13
		3 y y y (p-p-y)	US-PGPUB;	2000, 11, 20 11110
			EPO; JPO;	
1			DERWENT;	
ĺ			IBM_TDB	
-	295	gas adj inject\$6 adj (tube or pipe) and rotat\$4	USPAT;	2003/11/22 17:42
			US-PGPUB;	
1			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
.	6604	(gas adj inject\$6) and rotat\$4	USPAT;	2003/11/20 15:16
			US-PGPUB;	
	ĺ		EPO; JPO;	
			DERWENT;	
	2972	((gas adj inject\$6) and rotat\$4) and (coat\$3 or deposit\$4 or	IBM_TDB USPAT;	2003/11/22 17:42
	2312	etch\$3)	USPAT; US-PGPUB;	2003/11/22 17:42
	Į		EPO; JPO;	
			DERWENT;	
	J		IBM_TDB	
.	5203	((gas adj inject\$6) and rotat\$4) and (@ad<=19990624 or	USPAT;	2003/11/20 15:17
		@rlad<=19990624)	US-PGPUB;	
	ļ		EPO; JPO;	
	i		DERWENT;	
			IBM_TDB	
	2299	(((gas adj inject\$6) and rotat\$4) and (coat\$3 or deposit\$4	USPAT;	2003/11/20 17:50
		or etch\$3)) and (@ad<=19990624 or @rlad<=19990624)	US-PGPUB;	-,,, 100
- 1	- 1		EPO; JPO;	
			DERWENT;	
			IBM_TDB	

-	1793	((((gas adj inject\$6) and rotat\$4) and (coat\$3 or deposit\$4	USPAT;	2003/11/22 17:43
		or etch\$3)) and (@ad<=19990624 or @rlad<=19990624))	US-PGPUB;	
		and (wafer or substrate or object)	EPO; JPO;	
1			DERWENT;	
i			IBM_TDB	
-	1673	(((((gas adj inject\$6) and rotat\$4) and (coat\$3 or deposit\$4	USPAT;	2003/11/20 16:23
		or etch\$3)) and (@ad<=19990624 or @rlad<=19990624))	US-PGPUB;	}
		and (wafer or substrate or object)) not (((((118/715) or	EPO; JPO;	
		(117/88,98,200) or (427/255.7) or (438/761,762) or	DERWENT;	
		(428/543)).CCLS.) and @pd>=20001002) and	IBM_TDB	
1	İ	(@ad<=19990624 or @rlad<=19990624)) (gas adj inject\$6		
_	2181	adj (tube or pipe) and rotat\$4)) (118/725).CCLS.	USPAT;	2003/11/20 16:24
	2101	(110/725).CCLS.	US-PGPUB;	2003/11/20 10.24
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	729	((118/725).CCLS.) and rotat\$4	USPAT;	2003/11/20 16:24
		((,,,,, -	US-PGPUB:	,,
	1		EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	630	(((118/725).CCLS.) and rotat\$4) and (@ad<=19990624 or	USPAT;	2003/11/22 17:44
		@rlad<=19990624)	US-PGPUB;	
			EPO; JPO;	
ļ			DERWENT;	
	40.40	(440,700, 500, 60, 5	IBM_TDB	
-	4243	(118/728-730).CCLS.	USPAT;	2003/11/20 16:46
			US-PGPUB;	
1			EPO; JPO;	
			DERWENT;	
_	155	((118/728-730).CCLS.) and rotat\$4 and (gas adj inject\$6)	IBM_TDB USPAT:	2003/11/20 16:49
	133	((110/720 750).ccc5.) and rotats 4 and (gas adjinjects)	US-PGPUB;	2003/11/20 10.13
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	137	(((118/728-730).CCLS.) and rotat\$4 and (gas adj inject\$6))	USPAT;	2003/11/22 17:45
		and (@ad<=19990624 or @rlad<=19990624)	US-PGPUB;	
		8	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	6604	gas adj inject\$6 and rotat\$4	USPAT;	2003/11/20 17:18
			US-PGPUB;	
			EPO; JPO; DERWENT:	
			IBM TDB	
_	18267	inject\$6 and rotat\$4 and react\$4 and (inert or purge)	USPAT;	2003/11/20 18:39
	1020/	and total and round and round and (more or purge)	US-PGPUB;	2300/11/20 10:39
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	1118	(inject\$6 and rotat\$4 and react\$4 and (inert or purge)) and	USPAT;	2003/11/20 17:25
İ		(427/\$.ccls. or 438/\$.ccls.)	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
		[IBM_TDB	
-	175	(inject\$6 and rotat\$4 and react\$4 and (inert or purge)) and	USPAT;	2003/11/22 17:45
		(427/\$.ccls. or 438/\$.ccls.) and pulse	US-PGPUB;	
			EPO; JPO;	
İ			DERWENT; IBM_TDB	
			סטו_ויוטנ	

Search History 11/25/03 6:16:48 PM Page 2

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-	221	(inject\$6 and rotat\$4 and react\$4 and (inert or purge)) and (427/\$.ccls. or 438/\$.ccls.) and puls\$3	USPAT; US-PGPUB;	2003/11/20 17:49
			EPO; JPO; DERWENT; IBM_TDB	
-	43	(inject\$6 and rotat\$4 and react\$4 and (inert or purge)) and (427/\$.ccls. or 438/\$.ccls.) and (atomic adj layer)	USPAT; US-PGPUB; EPO; JPO;	2003/11/20 18:00
-	29	((inject\$6 and rotat\$4 and react\$4 and (inert or purge)) and (427/\$.ccls. or 438/\$.ccls.) and (atomic adj layer)) and	DERWENT; IBM_TDB USPAT; US-PGPUB;	2003/11/20 17:51
		(@ad<=19990624 or @rlad<=19990624)	EPO; JPO; DERWENT; IBM_TDB	
-	43	(inject\$6 and rotat\$4 and react\$4 and (inert or purge)) and (427/\$.ccls. or 438/\$.ccls.) and (atomic adj layer) and (time or duration or second)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/20 18:08
-	29	((inject\$6 and rotat\$4 and react\$4 and (inert or purge)) and (427/\$.ccls. or 438/\$.ccls.) and (atomic adj layer) and (time or duration or second)) and (@ad<=19990624 or @rlad<=19990624)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/20 18:10
-	42	(inject\$6 and rotat\$4 and react\$4 and (inert or purge)) and (427/\$.ccis. or 438/\$.ccis.) and (atomic adj layer) and (period or cycle or duration or seconds)	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/11/20 18:11
-	0	(((inject\$6 and rotat\$4 and react\$4 and (inert or purge)) and (427/\$.ccls. or 438/\$.ccls.) and (atomic adj layer) and (period or cycle or duration or seconds)) and (@ad<=19990624 or @rlad<=19990624)) not (((inject\$6 and rotat\$4 and react\$4 and (inert or purge)) and (427/\$.ccls. or 438/\$.ccls.) and (atomic adj layer) and (time or duration or second)) and (@ad<=19990624 or @rlad<=19990624))	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/20 18:15
-	1059	(injects6 and rotats4 and reacts4 and (inert or purge)) and (427/s.ccls. or 438/s.ccls.) and (period or cycle or duration or seconds)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/11/20 18:29
-	996	(inject\$6 and rotat\$4 and react\$4 and (inert or purge)) and (427/\$.ccls. or 438/\$.ccls.) and seconds	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/20 18:22
-	709	((((inject\$6 and rotat\$4 and react\$4 and (inert or purge)) and (427/\$.ccls. or 438/\$.ccls.) and seconds) and (@ad<=19990624 or @rlad<=19990624)) not (((inject\$6 and rotat\$4 and react\$4 and (inert or purge)) and (427/\$.ccls. or 438/\$.ccls.) and (atomic adj layer) and (time or duration or second)) and (@ad<=19990624 or @rlad<=19990624))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/20 18:17
-	0	(((injects6 and rotats4 and reacts4 and (inert or purge)) and (427/s.ccls. or 438/s.ccls.) and seconds) and (@ad<=19990624 or @rlad<=19990624)) not "second"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/20 18:16

-	1091	(inject\$6 and rotat\$4 and react\$4 and (inert or purge)) and	USPAT;	2003/11/20 18:19
		(427/\$.ccls. or 438/\$.ccls.) and ("seconds" or "time")	US-PGPUB;	i
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	1046	(inject\$6 and rotat\$4 and react\$4 and (inert or purge)) and	USPAT;	2003/11/20 18:21
	1	(427/\$.ccls. or 438/\$.ccls.) and ("seconds" or "time")	US-PGPUB;	
	İ		EPO; JPO;	
			DERWENT;	
			IBM TDB	
-	438	(inject\$6 and rotat\$4 and react\$4 and (inert or purge)) and	USPAT;	2003/11/20 18:21
	1	(427/\$.ccls. or 438/\$.ccls.) and (seconds)	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
-	320	((inject\$6 and rotat\$4 and react\$4 and (inert or purge))	USPAT;	2003/11/20 18:23
		and (427/\$.ccls. or 438/\$.ccls.) and (seconds)) and	US-PGPUB;	2000,11,20 10.25
		(@ad<=19990624 or @rlad<=19990624)	EPO; JPO;	
		(@dd (=1555002) or @ridd (=1555002))	DERWENT;	
			IBM_TDB	
_	13091	(inject or injector or injecter or injection) and (rotate or	USPAT:	2003/11/20 18:28
	10051	rotation or rotated or rotating) and (reactive or reaction)	US-PGPUB;	2003/11/20 10.20
		and (inert or purge)		
		and (merc or purge)	EPO; JPO;	
			DERWENT;	
_	686	(/ inject or injector or injector or injector) and (whate or	IBM_TDB	2002/44/20 40:20
-	000	((inject or injector or injecter or injection) and (rotate or	USPAT;	2003/11/20 18:30
		rotation or rotated or rotating) and (reactive or reaction)	US-PGPUB;	
		and (inert or purge)) and (427/\$.ccls. or 438/\$.ccls.) and	EPO; JPO;	
	1	(period or cycle or duration or seconds)	DERWENT;	
	4470064		IBM_TDB	
-	4473361	second	USPAT;	2003/11/22 17:37
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	68	(((inject or injector or injecter or injection) and (rotate or	USPAT;	2003/11/22 17:47
		rotation or rotated or rotating) and (reactive or reaction)	US-PGPUB;	
		and (inert or purge)) and (427/\$.ccls. or 438/\$.ccls.) and	EPO; JPO;	
		(period or cycle or duration or seconds)) not second	DERWENT;	
			IBM_TDB	
-	5	(inject\$6 adj (tube or pipe)) and rotat\$4 and (reactive or	USPAT;	2003/11/20 18:41
		reaction) and (inert or purge) and (atomic adj layer)	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	10	("3696779" "3783822" "4058430" "5062386"	USPAT	2003/11/20 18:45
		"5281274" "5302209" "5314538" "5338362"		
		"5702532" "5730802" "2002/0043216"		
		"2003/0044533").PN.		
-	686	(((inject or injector or injecter or injection) and (rotate or	USPAT;	2003/11/22 16:16
		rotation or rotated or rotating) and (reactive or reaction)	US-PGPUB;	
	!	and (inert or purge)) and (427/\$.ccls. or 438/\$.ccls.) and	EPO; JPO;	
		(period or cycle or duration or seconds))	DERWENT;	İ
I		With the state of	IBM_TDB	
-	67	(((inject or injector or injecter or injection) and (rotate or	USPAT;	2003/11/22 17:35
		rotation or rotated or rotating) and (reactive or reaction)	US-PGPUB;	2000/11/22 17:00
		and (inert or purge)) and (atomic adj layer) and (period or	EPO; JPO;	
[cycle or duration or seconds))	DERWENT;	
I		of an action of societies//	IBM_TDB	l
			TOUT I DO	

-	12344	(((inject or injector or injecter or injection) and (rotate or	USPAT;	2003/11/22 17:36
		rotation or rotated or rotating) and (reactive or reaction)	US-PGPUB;	
		and (inert or purge)) and (period or cycle or duration or	EPO; JPO;	
		seconds))	DERWENT;	
		<i>"</i>	IBM TDB	
-	4473361	second	USPAT;	2003/11/22 17:38
	''''	0000114	US-PGPUB;	2003/11/22 17:30
			EPO; JPO;	1
ļ				
			DERWENT;	
	1074		IBM_TDB	
-	1874	((((inject or injector or injecter or injection) and (rotate or	USPAT;	2003/11/22 17:38
		rotation or rotated or rotating) and (reactive or reaction)	US-PGPUB;	
		and (inert or purge)) and (period or cycle or duration or	EPO; JPO;	
		seconds))) not second	DERWENT;	
			IBM_TDB	
-	1555	(((((inject or injector or injecter or injection) and (rotate or	USPAT;	2003/11/22 17:40
l :		rotation or rotated or rotating) and (reactive or reaction)	US-PGPUB;	i
		and (inert or purge)) and (period or cycle or duration or	EPO; JPO;	
		seconds))) not second) and (@ad<=19990624 or	DERWENT;	
		@rlad<=19990624)	IBM_TDB	
<u>-</u>	740	((((((inject or injector or injecter or injection) and (rotate or	USPAT:	2003/11/22 17:47
	'*0	rotation or rotated or rotating) and (reactive or reaction)	US-PGPUB;	2003/11/22 17:47
į l		and (inert or purge)) and (period or cycle or duration or	EPO; JPO;	
		seconds))) not second) and (@ad<=19990624 or	DERWENT;	
		@rlad<=19990624)) and (substrat or wafer or object)	IBM_TDB	
-	295	gas adj inject\$6 adj (tube or pipe) and rotat\$4	USPAT;	2003/11/22 17:42
			US-PGPUB;	
!			EPO; JPO;	
Ì			DERWENT;	
			IBM_TDB	
l - i	2972	((gas adj inject\$6) and rotat\$4) and (coat\$3 or deposit\$4 or	USPAT;	2003/11/22 17:42
		etch\$3)	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
l - 1	1793	((((gas adj inject\$6) and rotat\$4) and (coat\$3 or deposit\$4	USPAT:	2003/11/22 17:43
	1/33	or etch\$3)) and (@ad<=19990624 or @rlad<=19990624))		2003/11/22 17.43
			US-PGPUB;	
		and (wafer or substrate or object)	EPO; JPO;	
			DERWENT;	
	600	///440/705> 60/6>	IBM_TDB	
-	630	(((118/725).CCLS.) and rotat\$4) and (@ad<=19990624 or	USPAT;	2003/11/22 17:44
		@rlad<=19990624)	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	137	(((118/728-730).CCLS.) and rotat\$4 and (gas adj inject\$6))	USPAT;	2003/11/22 17:45
		and (@ad<=19990624 or @rlad<=19990624)	US-PGPUB;	.,, 114
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
.	175	(inject\$6 and rotat\$4 and react\$4 and (inert or purge)) and	USPAT;	2003/11/22 17:46
ļ	1/3	(427/\$.ccls. or 438/\$.ccls.) and pulse		2003/11/22 17:40
Ī		(72//p.ccis. 01 430/p.ccis.) and puise	US-PGPUB;	
i			EPO; JPO;	
I			DERWENT;	
I			IBM_TDB	
-	60	(((inject or injector or injecter or injection) and (rotate or	USPAT;	2003/11/22 17:47
İ		rotation or rotated or rotating) and (reactive or reaction)	US-PGPUB;	
		and (inert or purge)) and (427/\$.ccls. or 438/\$.ccls.) and	EPO; JPO;	İ
I		(period or cycle or duration or seconds)) not second	DERWENT;	
		, , , , , , , , , , , , , , , , , , , ,	IBM_TDB	
			-5.1_100	

- T	669	(((((((inject or injector or injecter or injection) and (rotate	USPAT:	2003/11/22 17:51
		or rotation or rotated or rotating) and (reactive or reaction)	US-PGPUB:	2005/11/22 17.51
- 1		and (inert or purge)) and (period or cycle or duration or	EPO: JPO;	
		seconds))) not second) and (@ad<=19990624 or	DERWENT;	
		@rlad<=19990624)) and (substrat or wafer or object)) not		
- 1		((gas adj inject\$6 adj (tube or pipe) and rotat\$4) (((gas adj	IBM_TDB	
- 1		inject\$6) and rotat\$4) and (coat\$3 or deposit\$4 or etch\$3)		
		(((((gas adj inject\$6) and rotat\$4) and (coat\$3 or deposit\$4		
- 1		or etch\$3)) and (@ad<=19990624 or @rlad<=19990624))		
		and (wafer or substrate or object)) ((((118/725).CCLS.) and		
		rotat\$4) and (@ad<=19990624 or @rlad<=19990624))		
		(((((118/728-730).CCLS.) and rotat\$4 and (gas adj inject\$6))		
		and (@ad<=19990624 or @rlad<=19990624)) ((inject\$6]	
		and rotat\$4 and react\$4 and (inert or purge)) and	İ	
- 1		(427/\$.ccls. or 438/\$.ccls.) and pulse) ((((inject or injector		
		or injecter or injection) and (rotate or rotation or rotated or	ļ	
		rotating) and (reactive or reaction) and (inert or purge)) and	i	
		(427/\$.ccls. or 438/\$.ccls.) and (period or cycle or duration		
		or seconds)) not second))		
	516	(((((((inject or injector or injecter or injection) and (rotate	USPAT;	2003/11/24 07:58
		or rotation or rotated or rotating) and (reactive or reaction)	US-PGPUB;	,,,,
1	I	and (inert or purge)) and (period or cycle or duration or	EPO; JPO;	
	l	seconds))) not second) and (@ad<=19990624 or	DERWENT;	
	J	@rlad<=19990624)) and (substrat or wafer or object)) not	IBM_TDB	
		((gas adj inject\$6 adj (tube or pipe) and rotat\$4) (((gas adj	10.1_100	
ĺ		inject\$6) and rotat\$4) and (coat\$3 or deposit\$4 or etch\$3))		
		(((((gas adj inject\$6) and rotat\$4) and (coat\$3 or deposit\$4		
		or etch\$3)) and (@ad<=19990624 or @rlad<=19990624))		
		and (wafer or substrate or object)) ((((118/725).CCLS.) and		
		rotat\$4) and (@ad<=19990624 or @rlad<=19990624))		
		((((119/739 730) CCLC) and retailed and (and additional thick)		
	i	((((118/728-730).CCLS.) and rotat\$4 and (gas adj inject\$6))		
		and (@ad<=19990624 or @rlad<=19990624)) ((inject\$6		
	ļ	and rotat\$4 and react\$4 and (inert or purge)) and		
		(427/\$.ccls. or 438/\$.ccls.) and pulse) ((((inject or injector		
		or injecter or injection) and (rotate or rotation or rotated or		
	Į.	rotating) and (reactive or reaction) and (inert or purge)) and		
	i	(427/\$.ccls. or 438/\$.ccls.) and (period or cycle or duration		
		or seconds)) not second))) and (wafer or substrate or		
	4-	object) and (coat\$3 or deposit\$3 or layer\$3)		
	47	((((((((inject or injector or injecter or injection) and (rotate	USPAT;	2003/11/24 08:28
		or rotation or rotated or rotating) and (reactive or reaction)	US-PGPUB;	
	I	and (inert or purge)) and (period or cycle or duration or	EPO; JPO;	
		seconds))) not second) and (@ad<=19990624 or	DERWENT;	
		@rlad<=19990624)) and (substrat or wafer or (object adj2	IBM_TDB	
		treated))) not ((gas adj inject\$6 adj (tube or pipe) and		
	1	rotat\$4) (((gas adj inject\$6) and rotat\$4) and (coat\$3 or		
		deposit\$4 or etch\$3)) (((((gas adj inject\$6) and rotat\$4)		
		and (coat\$3 or deposit\$4 or etch\$3)) and (@ad<=19990624	i	
		or @rlad<=19990624)) and (wafer or substrate or object))		
	i	((((118/725).CCLS.) and rotat\$4) and (@ad<=19990624 or		
		@rlad<=19990624)) ((((118/728-730).CCLS.) and rotat\$4		
	J	and (gas adj inject\$6)) and (@ad<=19990624 or	ì	
	1	@rlad<=19990624)) ((inject\$6 and rotat\$4 and react\$4		
	- 1	and (inert or purge)) and (427/\$.ccls. or 438/\$.ccls.) and	ļ	
		nulse \ ((((inject or injector or injector or injection) and		
		pulse) ((((inject or injector or injecter or injection) and		
- 1		(rotate or rotation or rotated or rotating) and (reactive or		
		reaction) and (inert or purge)) and (427/\$.ccls. or		
- 1		438/\$.ccls.) and (period or cycle or duration or seconds))	1	
		not second))) and (wafer or substrate or object) and		
		(coat\$3 or deposit\$3 or layer\$3)	I	

		T		
-	695	(((((((inject or injector or injecter or injection) and (rotate	USPAT;	2003/11/24 11:12
		or rotation or rotated or rotating) and (reactive or reaction)	US-PGPUB;	
		and (inert or purge)) and (period or cycle or duration or	EPO; JPO;	
		seconds)))) and (@ad<=19990624 or @rlad<=19990624))	DERWENT;	
		and (substrat or wafer or (object adj2 treated))) not ((gas	IBM_TDB	
		adj inject\$6 adj (tube or pipe) and rotat\$4) (((gas adj		
		inject\$6) and rotat\$4) and (coat\$3 or deposit\$4 or etch\$3))		
		(((((gas adj inject\$6) and rotat\$4) and (coat\$3 or deposit\$4		
		or etch\$3)) and (@ad<=19990624 or @rlad<=19990624))		
		and (wafer or substrate or object)) ((((118/725).CCLS.) and		
		rotat\$4) and (@ad<=19990624 or @rlad<=19990624))		
		(((((118/728-730).CCLS.) and rotat\$4 and (gas adj inject\$6))		
i		and (@ad<=19990624 or @rlad<=19990624)) ((inject\$6		
		and rotat\$4 and react\$4 and (inert or purge)) and		
		(427/\$.ccls. or 438/\$.ccls.) and pulse) ((((inject or injector		
		or injecter or injection) and (rotate or rotation or rotated or		
		rotating) and (reactive or reaction) and (inert or purge)) and		
!		(427/\$.ccls. or 438/\$.ccls.) and (period or cycle or duration		
		or seconds)) not second))) and (wafer or substrate or		
		object) and (coat\$3 or deposit\$3 or layer\$3)		